

ABSTRACT OF THE DISCLOSURE

This control device for a vehicle obtain a cant amount CANT by subtracting, from a detected actual lateral acceleration G_y , an estimated lateral acceleration G_{yest} corresponding to centrifugal force due to a turning run, calculated based upon the difference between the wheel speed at the left side of the vehicle body and the wheel speed at the right side of the vehicle body, by utilizing the fact that a lateral acceleration sensor 54 that detects the detected actual lateral acceleration G_y according to a component of external force (centrifugal force, gravity or the like) exerted on the vehicle detects, as the detected actual lateral acceleration G_y , the acceleration whose absolute value is greater than the absolute value of the actual lateral acceleration ($\neq 0$) actually exerted on the vehicle (based upon the centrifugal force due to the turning run), that is running approximately straight, by the amount according to the cant amount CANT in the body roll direction of the road surface. The control device executes predetermined corresponding roll-over preventing process according to a continuation time of a state that the value of the cant amount CANT exceeds a roll-over preventing threshold value $CANT_{ref}$.